



केन्द्रीय प्रदूषण नियंत्रण बोर्ड  
CENTRAL POLLUTION CONTROL BOARD  
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार  
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE GOVT. OF INDIA

SPEED POST.

CPCB-B 33014/46(IronSteel)/2017/IPC-II/

October 20, 2017

To

M/s Chaliyama Steel Plant (Rungta Mines Ltd),  
PO – Keshargadia, Dt-Saraikela-Kharsawa,  
Chaibasa, Jharkhand – 833201.

**Sub: Directions under Section 5 of the Environment (Protection) Act, 1986.**

WHEREAS, integrated iron and steel plants and sponge iron units are identified as one of the 17 categories of highly polluting industries which have been discharging environmental pollutants directly or indirectly into the ambient air and water, having potential threat to cause adverse effect on the water and air quality; and

WHEREAS, the Central Government has notified the standards for discharge of environmental pollutants from various categories of industries under the Environment (Protection) Act, 1986 and the rules framed there under; and

WHEREAS, there is need to inculcate habit of self-monitoring within the industries for complying with the prescribed standards and this can be achieved by the methods like installing online effluent and emission monitoring devices; and

WHEREAS, for strengthening the monitoring and compliance through self-regulatory mechanism, online source emission and effluent monitoring systems need to be installed and operated by the industries on 'polluter pays principle'; and

WHEREAS, a direction under section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 was issued on February 05, 2014 to all the State Pollution Control Boards (SPCBs)/ Pollution Control Committees (PCCs) for installation of online emission monitoring system w.r.t. PM and SO<sub>2</sub> parameters & online effluent monitoring system w.r.t. pH, flow, BOD, COD and TSS in iron & steel industries; and

WHEREAS, considering the requests/ representations received from industries/ industrial associations/ SPCBs / PCCs, an extension of time up to June 30, 2015 for installation of online monitoring systems was granted vide directions dated March 02, 2015 under section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981; and

WHEREAS, concerned SPCB/ PCC issued directions under section 33A of the Water (Prevention & Control of Pollution) Act, 1974 and section 31A of the Air (Prevention & Control of Pollution) Act, 1981 to install the online monitoring system by June 30, 2015 and submit bank guarantee of 100% of the cost of online emission & effluent monitoring system; and

WHEREAS, during monthly verifications of OCEMS data by the CPCB IT division it is observed that the unit remains one of the top non-complying units with respect to exceedance SMS alerts/Offline status during March – April 2017; and

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M/s Chaliyama Steel Plant (Rungta Mines Ltd), Dt-Saraikela-Kharsawa, Chaibasa, Jharkhand – 833201

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel : 43102030, 22305792, वेबसाइट/Website : www.cpcb.nic.in

WHEREAS, the Ministry of Environment & Forests, Government of India, vide Notifications No. S. O. 157 (E) of 27.02.1996 and S. O. 730 (E) dated 10.07.2002, has delegated the powers vested under Section 5 of the Environment (Protection) Act, 1986 (29 of 1986) to the Chairman, Central Pollution Control Board, to issue directions to any industry or any local body or any other authority for violations of the standards and rules notified under the Environment (Protection) Rules, 1986 and amendment thereof;

WHEREAS, the unit was inspected by CPCB - Regional Directorate (Kolkata) on 22.08.2017 and made the following observations:

- Jharkhand SPCB, RANCHI issued consent under Water and Air Acts valid up to 31.03.2020 for producing Sponge Iron (7 X 100 TPD), Finished steel (200000 TPA) and CPP – 39 MW (WHRB 7 X 2 MW, AFBC Boiler 1 x 25 MW).
- Wastewater generated from power plant is collected in a holding pond and used for ash conditioning, dust suppression, water spraying and plantation. The quality of the treated wastewater (pH=6.61, COD=13 mg/l, BOD= 2 mg/l, TSS=39 mg/l, O&G= < 5 mg/l) is meeting the prescribed standards. From DRI plants, wastewater is collected and recycled resulting in zero discharge.
- There are 5 stacks attached to 7 kilns / AFBC boiler and as per IT Div Report dt 29.9.2017 all stacks are connected to OCEMS with required parameters. At the time of visit, 6 DRI kilns are in operation and Kiln-1 was not in operation. During 15 Aug – 15 Sep 2017, the unit generates 42 SMS alerts with reference to PM (Stack-1), SO<sub>2</sub> (Stacks 1,2&4) and ETP (BOD).
- **Manual monitoring of stacks could not be carried out due to lack of additional monitoring port. The unit has made a submission to provide sampling port hole within 1-month period.** Four CAAQM stations are in operation and connected to SPCB/CPCB server.


NOW, THEREFORE, in exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986 M/s Chaliyama Steel Plant (Rungta Mines Ltd), PO– Keshargadia, Dt-Saraikela-Kharsawa, Chaibasa, Jharkhand hereby directed to show cause why the operation of unit be not closed unless you comply with the followings:

- The industry shall apply for and obtain HW authorization (used oil, waste oil, etc) to SPCB and comply the conditions stipulated therein.
- The industry shall provide port hole and platform at all five stacks for manual monitoring of emission parameters as per CPCB guidelines.
- The unit shall maintain online effluent and emission monitoring analyzers with regular calibration and maintenance and ensure continuous online connectivity / data transmission to CPCB server.

The unit M/s Chaliyama Steel Plant (Rungta Mines Ltd), Chaibasa, Jharkhand shall submit the reply and action plan for compliance within 15 days from the issue of this letter. Failure to comply with the above directions will attract action in accordance with the provision of the Environment (Protection) Act, 1986.

  
[S.P. Singh Parihar]

Chairman

 20/10/2017

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**Copy to:**

1. The Chairman, Jharkhand State Pollution Control Board, HEC Complex, Dhurwa, Ranchi 834004. : With a request to ensure compliance of this direction
2. The Additional Secretary (AKM)-CP Division, MOEFCC, Prithvi Wing, 2nd Floor, Room No. 216, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi – 110003.
3. **The Regional Director (EAST)**, Central Pollution Control Board, 502 Southend Conclave, 1582 Rajdanga Main Road, Kolkata 700107.
4. ✓ The Div. Head, IT Division, CPCB, Delhi
5. The Div. Head, IPC-VI, CPCB, Delhi.

*28/06/18*  
[A. Sudhakar]  
Member Secretary

*by*